

The screenshot shows the NCBI Nucleotide search interface. At the top, there's a search bar containing the sequence: EGCTCAAGGATAGGACTTCGGCCCTAGATGATCGGATCCCCGGCCTTCTCTATATACACACAACTTGCGGCTAGCATGACTATCTA. Below the search bar are several navigation links: PubMed, Nucleotide, Protein, Genome, Structure, PopSet, Taxonomy, OMIM, and Bio. The "Nucleotide" link is highlighted. To the right of the search bar are two small thumbnail images. Below the navigation links are several buttons: "Search", "Nucleotide", "Limits", "Preview/Index", "History", "Clipboard", and "Details". The "Details" button is also highlighted.

370831 Schizolium (sm. Jct 407792)

Links

LOCUS CHT1ANCE 1099 bp DNA linear BCT 13-OCT-1993
DEFINITION C. botulinum (strain proteolytic F Langeland) gene for neurotoxin type F.
ACCESSION X70821
VERSION X70821.1 GI:4077792
KEYWORDS bont/r gene; botulinum neurotoxin type F.
SOURCE CLOSTRIDIUM BOTULINUM.
ORGANISM Clostridium botulinum
Habitat: mycetivore (Clostridioides) (Clostridium)
Class: Firmicutes.
REFERENCE 1 (bases 1 to 1099)
AUTHORS Campbell,K.D., Collins,M.B. and East,A.K.
TITLE Gene probes for identification of the botulinal neurotoxin gene and specific identification of neurotoxin types B, E, and F
JOURNAL J. Clin. Microbiol. 31 (9), 2255-2262 (1993)
MEIDLINE 94013372
PUBMED 8408542
REFERENCE 2 (bases 1 to 1099)
AUTHORS Campbell,K.D.
TITLE Direct Submission
JOURNAL Submitted (28-JUN-1993) K.D. Campbell, AFRC Inst of Food Research, Reading Laboratory, microbiology dept, Marley Gate, Whiteknights Rd, Reading RG6 2EE, UK
FEATURES
source Location/Qualifiers
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 /strain="type F, proteolytic F Langeland (NCTC 1028)"
 /db_xref="taxon:1491"
 /clique="CWLWVQWVJXWV"
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 1..1099 /gene="BoNT/F"
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 /location_end:-11
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 /db_xref="SPTRMML:Q57236"
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 RAKVSKLRLREVYTRGCKKRYLILTVTSERHSTLIGNSVQRTNTWATSTLNKSTPWRASSYNTD
 KILLIDYFNKKEIKRKKEI1LDMRYENNKFDIISGTYCNNSISINHDVYIYTSTKRNQFCY
 SSKPSFVNIAQNNDTIYNGRYQNFSITSEFWRTPKVNUNJNEYTTJDCTJRNNSNGW
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CDS
gene
CDS
BASE COUNT 483 a 93 c 160 g 363 t
ORIGIN

BASE COUNT 483 a 93 c 160 g 363 L
ORIGIN

ggatccccccg gaaaaattttt agggggggatt tggatataa ggaggggggtt ttatattaga

http://www.ncbi.nlm.nih.gov/blast.cgi?cmd=Fetch&db=nucleotide&list_wids=407791&dept=Gentian

51 atttgtggccaa gggcttttaa ttccatcataat ttttgtgttt acaataaaaat cttttatagg
121 ttcatctgag aataaaaaata aaatcattaa agcaataaat aattcattaa tggaaagaga
191 aacaaagtgg aagggatstat atagttgtat agtataat tggcttacta gatataatcc
261 acaatttaat aaaaagaaaaag acaatgttgc tccatgttttccatcaatcg tagatgcatt
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541 tguugccuuu gtttagttaat taugaguatu tgutguuggc gttuuggat atttgcttag
611 ctatatttca gaaatgtatcat aatttttagg aatagtgttca caagaaatata atgatattgt
681 gacttagtact ctgataataata gtattccatt tgaactttct tcataataacta atgataaaaat
751 ttttttttta ttttttttta aatataatata aaaaaaaaaa qataactcta tttttagtat
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891 tggagatgtt tatattttatt cuucuuatgg aaatcaattt gaaatataata gtagttaagcc
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Revised: July 5, 2002.

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Sep 23 2002 19:33:30